

Listing of Claims

1. (Currently Amended) An article for controlling odor, the article comprising a substrate which includes an odor absorbing agent and at least one visual indicating agent in an amount effective to change color when exposed to an odor, the visual indicating agent being applied in differing concentrations in two or more zones and wherein the visual indicating agent is selected from the group consisting of 4,4'-bis(dimethylamino)-benzhydrol, pararosaniline, ~~alpha-naphtholbenzein~~ alpha-naphtholbenzene, and naphthochrome green.

2. (Cancelled)

3. (Cancelled)

4. (Original) The article of claim 1, wherein the indicating agent indicates when the article has been exposed to sufficient odor to saturate the article.

5. (Previously Presented) The article of claim 1, wherein the substrate is a disc, patch, strip, or combination thereof.

6. (Previously Presented) The article of claim 1, wherein the indicating agent is printed in solution onto the substrate and allowed to dry so that the dried residue of the solution remains on the substrate.

7. (Previously Presented) The article of claim 1, wherein the indicating agent is coated in solution onto the substrate and allowed to dry so that the dried residue of the solution remains on the substrate.

8. (Original) The article of claim 1, wherein the indicating agent is applied in differing concentrations in two or more zones to indicate how much of the odor absorbing capacity of the article has not been utilized.

9. (Original) The article of claim 1, wherein the indicating agent is applied in differing concentrations in two or more zones to indicate how much of the odor absorbing capacity of the article has been used.

10. (Original) The article of claim 1, wherein the odor is selected from the group consisting of body odor, foot odor, urinary odor, tobacco odor, meat odor, garbage odor, basement odor, mercaptans, sulfide, hydrogen sulfide, amines, ammonia, sulfur, sulfur degradation products, aliphatic acids, isovaleric acid, butyric acid and acetic acid.

11. (Cancelled)

12. (Previously Presented) The article of claim 1, wherein the visual indicating agent is 4,4'-bis(dimethylamino)-benzhydrol.

13. (Cancelled)

14. (Original) The article of claim 1, which is selected from a disposable odor absorbing sheet, diaper, undergarment pad, face mask, filtration device, sanitary napkin, tampon, panty shield and incontinence pad.

15-16. (Cancelled)

17. (Currently Amended) A method for visually indicating when an article for controlling odor is saturated comprising the steps of:

introducing into or onto the article a visual indicating agent that is color sensitive to the odor, wherein the visual indicating agent is selected from the group consisting of 4,4'-bis(dimethylamino)-benzhydrol, pararosaniline, ~~alpha-naphtholbenzein~~ alpha-naphtholbenzene, and naphthochrome green, and

observing the change in color of the indicating agent when the article is saturated with the odor.

18. (Cancelled)

19. (Previously Presented) The article of claim 1, wherein the article substrate comprises nanoparticles.

20. (Currently Amended) The article of claim 20 19, wherein the nanoparticles include silica, alumina, or combinations thereof.

21. (Previously Presented) The article of claim 1, wherein the substrate comprises fibers.

22. (Previously Presented) The article of claim 1, wherein the visual indicating agent is pararosaniline base.

23. (Previously Presented) The article of claim 1, wherein the visual indicating agent is present in an amount of from about 0.001 to 15 wt.%.

24. (Previously Presented) The article of claim 1, wherein the visual indicating agent is present in an amount of from about 0.1 to 1 wt.%.

25. (Previously Presented) The method of claim 17, wherein the visual indicating agent is 4,4'-bis(dimethylamino)-benzhydrol.

26. (Previously Presented) The method of claim 17, wherein the visual indicating agent is pararosaniline base.

27. (Previously Presented) The method of claim 17, wherein the article further comprises an odor absorbing agent.

28. (Previously Presented) The method of claim 17, wherein the article is selected from a disposable odor absorbing sheet, diaper, undergarment pad, face mask, filtration device, sanitary napkin, tampon, panty shield and incontinence pad.

29. (Previously Presented) The method of claim 17, wherein the article comprises a substrate on which the visual indicating agent is disposed.

30. (Previously Presented) The method of claim 17, wherein the article further comprises nanoparticles.

31. (Currently Amended) The article of claim 1, wherein the visual indicating agent is ~~alpha-naphtholbenzein~~ alpha-naphtholbenzene.

32. (Previously Presented) The article of claim 1, wherein the visual indicating agent is naphthochrome green.

33. (Currently Amended) The method of claim 17, wherein the visual indicating agent is ~~alpha-naphtholbenzein~~ alpha-naphtholbenzene.

34. (Previously Presented) The method of claim 17, wherein the visual indicating agent is naphthochrome green.

35. (New) The article of claim 19, wherein the nanoparticles are modified with a metal ion.

36. (New) The article of claim 35, wherein the metal ion is selected from the group consisting of copper ion, silver ion, gold ion, permanganate ion, chlorite ion, persulfate ion, iron ion, and combinations thereof.

37. (New) The method of claim 30, wherein the nanoparticles include silica, alumina, or combinations thereof.

38. (New) The method of claim 30, wherein the nanoparticles are modified with a metal ion.

39. (New) The method of claim 38, wherein the metal ion is selected from the group consisting of copper ion, silver ion, gold ion, permanganate ion, chlorite ion, persulfate ion, iron ion, and combinations thereof.